

Converting Colors

$Yxy(94.9512, 0.3068, 0.3272)$

Have a look what the booklet for
Yxy(94.9512, 0.3068, 0.3272)
contains.

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Color

Yxy(95.1409, 0.3066, 0.3270)

Conversions

Conversions Part 1

Format	Color
Hex	F3FBFD
RGB	243, 251, 253
RGB Percent	95%, 98%, 99%
CMY	0.0468, 0.0157, 0.0078
CMYK	0.04, 0.01, 0.00, 0.01
HSL	192°, 72%, 97%
HSV	192°, 4%, 99%
XYZ	89.2055, 95.1409, 106.6044
YIQ	248.8360, -5.4100, -1.0740

Conversions

Conversions Part 2

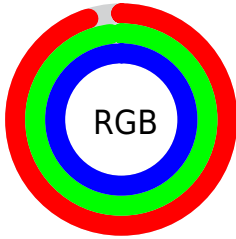
Format	Color
R _Y B	243, 247, 253
Decimal	15989757
CIE Lab	98.09, -2.23, -1.89
CIE LCh	98, 2.920, 220.293
Yxy	95.1409, 0.3066, 0.3270
Android (android.graphics.Color)	4294179837 (0xFF3FBFD)
YUV	248.8360, 2.0529, -5.1182
Hunter-Lab	97.5402, -7.4480, 3.4785

Details

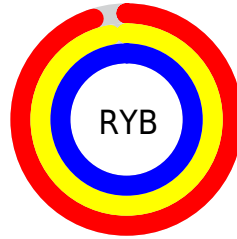
The Yxy color 95.1409, 0.3066, 0.3270 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 92.7188, 0.3191, 0.3310, and the grayscale version is 94.5859, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.5805, 0.3057, 0.3277 is the 20% darker color. If you saturate the color by 10%, you get 87.7699, 0.2912, 0.3216, and if you desaturate by 10%, it is 99.8730, 0.3139, 0.3309.

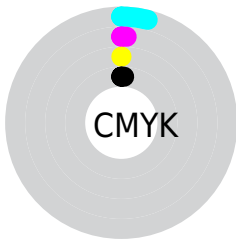
Distribution



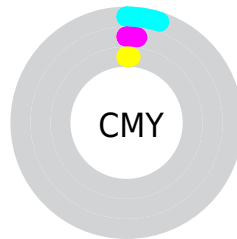
- Red (95%)
- Green (98%)
- Blue (99%)



- Red (95%)
- Yellow (97%)
- Blue (99%)



- Cyan (4%)
- Magenta (1%)
- Yellow (0%)
- Black (1%)




- Cyan (5%)
- Magenta (2%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.1409, 0.3066, 0.3270 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 95.1409, 0.3066, 0.3270 by changing the saturation by 10% instead.


 95.1409, 0.3066,
0.3270

 95.1409, 0.3066,
0.3270

544.6160, 0.3093,
0.3279

 72.2523, 0.3060,
0.3268


154.4592, 0.3075,
0.3273

 53.3648, 0.3053,
0.3266


191.6577, 0.3079,
0.3274

 38.0940, 0.3044,
0.3263


234.3950, 0.3082,
0.3275

 26.0557, 0.3033,
0.3259

283.0553, 0.3085,
0.3276

 16.8653, 0.3018,
0.3254

338.0232, 0.3087,
0.3277

 10.1385, 0.2999,
0.3247

399.6830, 0.3089,

 5.4909, 0.2970,

0.3278

0.3237

468.4191, 0.3091,
0.3278

■ 2.5381, 0.2924,
0.3221

■ 0.8956, 0.2839,
0.3191

■ 95.1409, 0.3066,
0.3270

■ 95.1409, 0.3066,
0.3270

■ 87.7699, 0.2912,
0.3216

99.8730, 0.3139,
0.3309

■ 81.0770, 0.2762,
0.3156

■ 75.0388, 0.2619,
0.3092

■ 69.6255, 0.2487,
0.3024

■ 64.8048, 0.2368,
0.2952

■ 60.5412, 0.2267,
0.2878

■ 56.7947, 0.2184,
0.2803

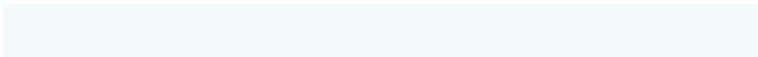
■ 53.5192, 0.2121,
0.2728

■ 50.6582, 0.2077,
0.2653

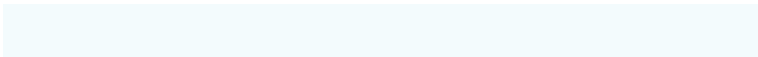
Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.1409, 0.3081, 0.3299



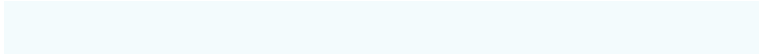
95.1409, 0.3066, 0.3270



95.1409, 0.3068, 0.3247

Triad

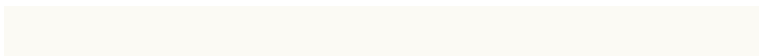
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



95.1409, 0.3066, 0.3270



95.1409, 0.3146, 0.3255



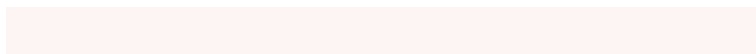
95.1409, 0.3170, 0.3345

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



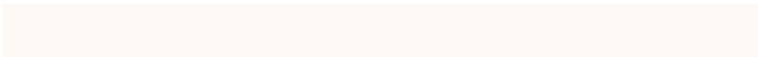
95.1409, 0.3066, 0.3270



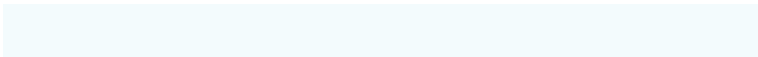
92.7188, 0.3191, 0.3310

Split Complementary

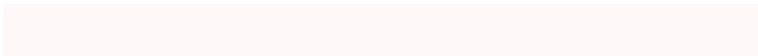
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.1409, 0.3187, 0.3333



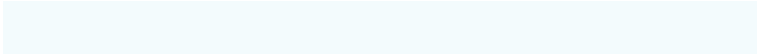
95.1409, 0.3066, 0.3270



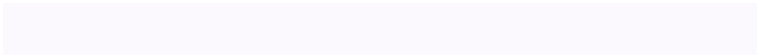
95.1409, 0.3174, 0.3281

Square

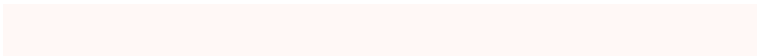
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



95.1409, 0.3066, 0.3270



95.1409, 0.3114, 0.3239



95.1409, 0.3189, 0.3310



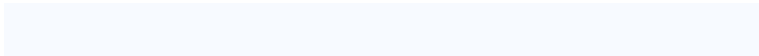
95.1409, 0.3140, 0.3342

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



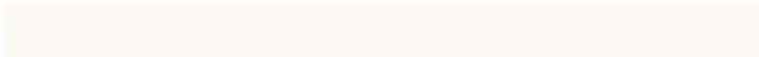
95.1409, 0.3066, 0.3270



95.1409, 0.3078, 0.3238



95.1409, 0.3189, 0.3310



95.1409, 0.3177, 0.3343

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



95.1450, 0.3066, 0.3270



99.1884, 0.3112, 0.3285



95.9226, 0.3111, 0.3368



21.2390, 0.3112, 0.3285



0.0000, 0.0000, 0.0000



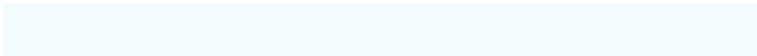
21.4041, 0.3127, 0.3290

Same Dimension

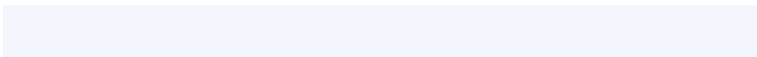
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.1450, 0.3066, 0.3270



96.0147, 0.3049, 0.3264



92.0977, 0.3067, 0.3222



20.4343, 0.3039, 0.3261



26.3174, 0.2061, 0.2620



2.7138, 0.2085, 0.2705

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



91.9864, 0.3144, 0.3214



91.9669, 0.3149, 0.3193



95.7505, 0.3187, 0.3358



19.4522, 0.3152, 0.3179



13.3847, 0.3805, 0.1870



1.3185, 0.3723, 0.1825

Previews

White Background



This preview shows how the Yxy color 95.1409, 0.3066, 0.3270 looks on a white background.

Color Contrast Check

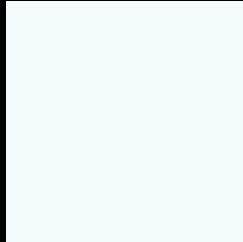
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 95.1409, 0.3066, 0.3270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

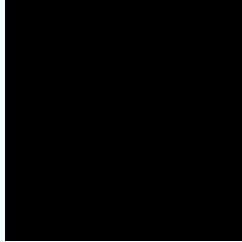
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 95.1409, 0.3066, 0.3270

Background



This preview shows how black text looks on a background with the Yxy color 95.1409, 0.3066, 0.3270.

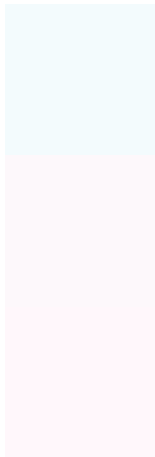


This preview shows how white text looks on a background with the Yxy color 95.1409, 0.3066, 0.3270.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

95.1409, 0.3066, 0.3270

Protanopia

94.9825, 0.3141, 0.3261

Deuteranopia

94.7466, 0.3155, 0.3252

Tritanopia

94.9278, 0.3086, 0.3232

Trichromacy



Original Color

95.1409, 0.3066, 0.3270

Protanomaly

94.9194, 0.3110, 0.3261

Deuteranomaly

94.6723, 0.3123, 0.3251

Tritanomaly

95.1198, 0.3079, 0.3251

Monochromacy



Original Color

95.1409, 0.3066, 0.3270

Achromatopsia

94.7307, 0.3127, 0.3290

Achromatomaly

95.0475, 0.3108, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.1409, 0.3066, 0.3270 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(243, 251, 253)` looks like.

```
.text, #text, p{  
    color:rgb(243, 251, 253)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(243, 251, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 251, 253) }
```

Border

The CSS property to change the border of an element to Yxy 95.1409, 0.3066, 0.3270 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(243, 251, 253) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(243, 251, 253) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(243, 251, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(243, 251, 253); -webkit-box-shadow:4px 4px 4px 4px rgb(243, 251, 253); box-shadow:4px 4px 4px 4px rgb(243, 251, 253) }
```


Background

The CSS property to change the background color of an element to Yxy 95.1409, 0.3066, 0.3270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 251, 253) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(243,  
251, 253) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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